

GenCore version 5.1.4.P5.4578
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OM protein - protein search, using sw model

Run on: March 24, 2003, 16:03:35 ; Search time 18.5152 Seconds
(without alignments)
750.746 Million cell updates/sec

Title: US-09-988-971-2_COPY_2_261
Perfect score: 1346
Sequence: 1 GSI:PSRRKSLPSLSSVQ.....RESLFSYLSUNDEAVSLDDA 260

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 221153 seqs, 53462247 residues
Total number of hits satisfying chosen parameters: 221153

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Published Applications AA.*
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2: /cgn2_6/ptodaca/1/pubpaa/PCRT_NEW_PUB pep.*
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4: /cgn2_6/ptodaca/1/pubpaa/US07_NEW_PUB pep.*
5: /cgn2_6/ptodaca/1/pubpaa/US07_PUBCOMB pep.*
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12: /cgn2_6/ptodaca/1/pubpaa/US10_PUBCOMB pep.*
13: /cgn2_6/ptodaca/1/pubpaa/US60_NEW_PUB pep.*
14: /cgn2_6/ptodaca/1/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	825	61.3	159	10 US-09-867-550-954	Sequence 954, App
2	586	43.5	113	10 US-09-867-550-1916	Sequence 1916, App
3	485.5	36.1	276	9 US-09-870-759-64	Sequence 64, App
4	447.5	33.2	96	10 US-09-867-550-952	Sequence 952, App
5	374.5	27.8	512	9 US-09-977-260-16	Sequence 16, App
6	374.5	27.8	512	10 US-09-977-260-16	Sequence 16, App
7	364.5	27.1	505	9 US-09-977-260-17	Sequence 17, App
8	364.5	27.1	505	10 US-09-977-260-17	Sequence 17, App
9	356.5	26.5	505	10 US-09-977-161A-186	Sequence 186, App
10	345.5	25.7	499	10 US-09-977-260-19	Sequence 19, App
11	345.5	25.7	499	10 US-09-977-260-19	Sequence 19, App
12	344	25.6	509	9 US-09-977-260-18	Sequence 18, App
13	344	25.6	509	10 US-09-977-260-18	Sequence 18, App
14	326.5	24.3	454	10 US-09-771-161A-95	Sequence 95, App
15	322.5	24.0	537	10 US-09-771-161A-212	Sequence 212, App
16	322.5	24.0	537	10 US-09-771-161A-213	Sequence 213, App
17	319.5	23.7	311	10 US-09-771-161A-121	Sequence 121, App
18	319.5	23.7	387	10 US-09-771-161A-122	Sequence 122, App
19	319.5	23.7	537	9 US-09-977-260-11	Sequence 11, App

20	319.5	23.7	537	10 US-09-977-269-11	Sequence 11, App
21	319.5	23.7	543	9 US-09-977-260-14	Sequence 14, App
22	319.5	23.7	543	10 US-09-977-269-14	Sequence 14, App
23	316.5	23.5	529	9 US-09-977-260-15	Sequence 15, App
24	316.5	23.5	529	10 US-09-977-260-15	Sequence 15, App
25	305	22.7	536	9 US-09-977-269-12	Sequence 12, App
26	305	22.7	536	10 US-09-977-269-12	Sequence 12, App
27	280.5	20.8	536	9 US-09-977-260-13	Sequence 13, App
28	280.5	20.8	536	10 US-09-977-260-13	Sequence 13, App
29	280.5	20.8	536	10 US-09-929-260-13	Sequence 13, App
30	233	17.3	505	9 US-09-977-269-13	Sequence 13, App
31	233	17.3	505	10 US-09-977-269-13	Sequence 13, App
32	233	17.3	505	10 US-09-977-269-6	Sequence 6, App
33	199.5	14.8	505	10 US-09-982-610-20	Sequence 20, App
34	186.5	14.7	162	10 US-09-904-117-1	Sequence 1, App
35	186.5	13.9	357	9 US-10-097-534-62	Sequence 62, App
36	186.5	13.9	450	9 US-09-929-260-9	Sequence 9, App
37	186.5	13.9	450	10 US-09-977-260-7	Sequence 7, App
38	181.5	13.5	620	9 US-09-977-269-7	Sequence 7, App
39	181.5	13.5	620	10 US-09-977-260-9	Sequence 9, App
40	171.5	12.7	217	10 US-09-977-269-9	Sequence 9, App
41	170	12.6	31	10 US-09-765-298A-6	Sequence 6, App
42	166.5	11.6	197	9 US-09-864-761-36076	Sequence 36076, A
43	152	11.3	659	9 US-10-016-634A-171	Sequence 171, App
44	150	11.1	659	9 US-10-045-202-4	Sequence 4, App
45	150	11.1	659	9 US-10-045-202-2	Sequence 2, App

ALIGNMENTS

RESULT 1
US-09-867-550-954
Sequence 954, Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehtaban, Fuad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: Thereby
FILE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USSN 60/208,427
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 954
LENGTH: 159
TYPE: PRT
ORGANISM: Homo sapiens
US-09-867-550-954

Query Match 61.3% ; Score 825; DB 10; Length 159;
Best Local Similarity 100.0% ; Pred. No. 4.9e-71;

Matches 158; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GSI:PSRRKSLPSLSSVQGGPTVMEARSKXTVALGSPACGPAEISLRLGPLTI 60
DB 2 GSI:PSRRKSLPSLSSVQGGPTVMEARSKXTVALGSPACGPAEISLRLGPLTI 61
QY 61 VEEDDDWTVLSEVSREYNIPSVHAKVSHGWLVEGLSRKAEELLLPGNFGAFLIR 120
DB 62 VEEDDDWTVLSEVSREYNIPSVHAKVSHGWLVEGLSRKAEELLLPGNFGAFLIR 121
QY 121 ESQTRGSGYSLVSRPASMWRIRHRIHICLDNGLY 158
DB 122 ESQTRGSGYSLVSRPASMWRIRHRIHICLDNGLY 159

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us-09-988-971-2_copy_2_261.rapb

Page 2

RESULT 2

US-09-867-550-1916

/ Sequence 1916, Application US/09867550
/ Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Foad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1916

LENGTH: 113

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: VARIANT

LOCATION: (1)

OTHER INFORMATION: wherein Xaa may be any one of Arg or Gly or Trp

US-09-867-550-1916

Query Match 43.5%; Score 586; DB 10; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.6e-48;

Matches 112; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 149 IHCIDNGMLYISPLTPSPLOALVDHYSELADIDICLLKPCVLRAGPLPGKIDPLPT 208
Db 2 IHCIDNGMLYISPLTPSPLOALVDHYSELADIDICLLKPCVLRAGPLPGKIDPLPT 61

Qy 209 VQRTPLNWKELDSSLFSEATGEESLSEGLRESLSFYISLNDVAVSLDDA 260
Db 62 VQRTPLNWKELDSSLFSEATGEESLSEGLRESLSFYISLNDVAVSLDDA 113

RESULT 3
US-09-870-759-64
/ Sequence 64, Application US/09870759
/ Patent No. US20020177551A1

GENERAL INFORMATION:

APPLICANT: TERMAN, David S

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE

FILE REFERENCE: 870759

CURRENT APPLICATION NUMBER: US/09/870,759

CURRENT FILING DATE: 2002-01-14

PRIOR APPLICATION NUMBER: US 60/208,128

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 166

SOFTWARE: PatentIn version 3.1

SEQ ID NO 64

LENGTH: 276

TYPE: PRT

ORGANISM: Homo sapiens

US-09-870-759-64

Query Match 36.1%; Score 485.5; DB 9; Length 276;
Best Local Similarity 40.7%; Pred. No. 2e-38;

Matches 103; Conservative 43; Mismatches 84; Indels 23; Gaps 4;

Qy 8 KSLPSLSVSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPITVSEDDW 67
Db 6 KSLPSLSVSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPITVSEDDW 58

Qy 68 WTIVLSVSGREYNIPSPVAKYSHGWLVEGLSREKAEELLLPGNPGCAFILRESOTRRG 127
Db 59 WTAISLSTGRSYIPGICVARYHGMFLBGLGRDKAEELLLPOTKVGSMIRESETKKG 118

Qy 128 SYSLSVRLSPRSPDRIRHRIHCDNGMLYISPLTPSPLOALVDHYSELADIDICLLK 187
Db 119 FYSLSVR-----HROVGHYRIPLNNWYISPLTPFOCLELVAHSEVADSLCCVLT 172

Qy 188 EPCVLQAGAPLPKIDPLPVTVQRTPLNWKELDSSLFSEATG-----EESLSSEGL 240
Db 173 TPCLTOSTAARAVYASSSPVTLRQKTVDMRVR-----LQEDPECTENPLGVDESLFSYGL 229

Qy 241 RESLSFYISLND 253
Db 230 RESIASYLSLTSE 242

RESULT 4
US-09-867-550-952

/ Sequence 952, Application US/09867550
/ Patent No. US20020082206A1

GENERAL INFORMATION:

APPLICANT: Leach, Martin D.

APPLICANT: Mehraban, Foad,

APPLICANT: Conley, Pamela

APPLICANT: Law, Debbie

APPLICANT: Topper, James

TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and

TITLE OF INVENTION: Thereby

FILE REFERENCE: 21402-013 (Cura-313)

CURRENT APPLICATION NUMBER: US/09/867,550

CURRENT FILING DATE: 2001-09-20

PRIOR APPLICATION NUMBER: USSN 60/208,427

PRIOR FILING DATE: 2000-05-30

NUMBER OF SEQ ID NOS: 2125

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 952

LENGTH: 96

TYPE: PRT

ORGANISM: Homo sapiens

US-09-867-550-952

Query Match 33.2%; Score 447.5; DB 10; Length 96;
Best Local Similarity 76.6%; Pred. No. 1.9e-35;

Matches 95; Conservative 0; Mismatches 0; Indels 29; Gaps 1;

Qy 1 GSPSRKSLPSBLSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 60
Db 2 GSPSRKSLPSBLSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 61

Qy 61 VSEDDMTVLSVSGREYNIPSPVAKYSHGWLVEGLSREKAEELLLPGNPGCAFILR 120
Db 62 VSE-----WLVEGLSREKAEELLLPGNPGCAFILR 92

Qy 121 ESQT 124
Db 93 ESQT 96

RESULT 5
US-09-977-260-16

/ Sequence 16, Application US/09877260
/ Patent No. US20020192790A1

GENERAL INFORMATION:

APPLICANT: ULBRICH, AXEL

APPLICANT: GISHITZKY, MIKHAIL

APPLICANT: SURES, IRVINGARD

TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES

FILE REFERENCE: 038602/1260

CURRENT APPLICATION NUMBER: US/09/977,260

CURRENT FILING DATE: 2001-10-16

PRIOR APPLICATION NUMBER: 08/232,545

PRIOR FILING DATE: 1994-04-22

NUMBER OF SEQ ID NOS: 24

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 16

LEN: 512
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-260-16

Query Match 27.8%; Score 374.5; DB 9; Length 512;
Best Local Similarity 40.3%; Pred. No. 1.7e-27;
Matches 81; Conservative 36; Mismatches 75; Indels 9; Gaps 3;

QY 5 SRKSLPSPSSVGGQGVPMTEAERSKATVALGSPAGPAELSLRLGEPPLTVSDD 64
DB 38 SNKQGRPVPE-SQLPGRQCTODPEEGDIALYALPYDGHDPDLSFKGGEKKVLEEH 96
QY 65 GDMWTVLSEVSGREYNIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGAFILR 120
DB 97 GEMWAKSLTLTKKEGFIIPSNYAKLNTLETETEFKDIIRKDAERQLLAGNSAGAFILR 156
QY 121 ESQTRRGYSYLSVLRSPASMDRIHRYRHCLDNGWLISPRITFSPSLQALVDHYSELAD 180
DB 157 ESETLKGSFSLSVDPDPVHGDIYKHYKISLNDGGYIISPRITFPCISDMIKHYOKAD 216
QY 181 DICCLKEPCVLRAGPLPGK 201
DB 217 GLCRLEKACT---SPKPK 233

RESULT 6

US-09-977-269-16
Sequence 16, Application US/09977269
Patent No. US20020082037A1
GENERAL INFORMATION:

APPLICANT: ULBRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,269
PRIORITY FILING DATE: 2001-10-16
PRIORITY FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 16
LENGTH: 512
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-269-16

Query Match 27.8%; Score 374.5; DB 10; Length 512;
Best Local Similarity 40.3%; Pred. No. 1.7e-27;
Matches 81; Conservative 36; Mismatches 75; Indels 9; Gaps 3;

QY 5 SRKSLPSPSSVGGQGVPMTEAERSKATVALGSPAGPAELSLRLGEPPLTVSDD 64
DB 38 SNKQGRPVPE-SQLPGRQCTODPEEGDIALYALPYDGHDPDLSFKGGEKKVLEEH 96
QY 65 GDMWTVLSEVSGREYNIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGAFILR 120
DB 97 GEMWAKSLTLTKKEGFIIPSNYAKLNTLETETEFKDIIRKDAERQLLAGNSAGAFILR 156
QY 121 ESQTRRGYSYLSVLRSPASMDRIHRYRHCLDNGWLISPRITFSPSLQALVDHYSELAD 180
DB 157 ESETLKGSFSLSVDPDPVHGDIYKHYKISLNDGGYIISPRITFPCISDMIKHYOKAD 216
QY 181 DICCLKEPCVLRAGPLPGK 201
DB 217 GLCRLEKACT---SPKPK 233

RESULT 7
US-09-977-260-17
Sequence 17, Application US/09977260
Publication No. US20020192790A1

GENERAL INFORMATION:
APPLICANT: ULBRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,260
PRIORITY FILING DATE: 2001-10-16
PRIORITY FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-260-17

Query Match 27.1%; Score 364.5; DB 9; Length 505;
Best Local Similarity 42.2%; Pred. No. 1.5e-26;
Matches 78; Conservative 31; Mismatches 69; Indels 7; Gaps 2;

QY 11 PSPSSVGGQGVPMTEAERSKATVALGSPAGPAELSLRLGEPPLTVSDDGMWTV 70
DB 40 PGPNSHNS--NTPGIREAGSEDIIVALLDYEAHHEDELSPQGDQWVLEESGEWMA 96
QY 71 LSEVSGREYNIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGAFILRESQTR 126
DB 97 RSLATREGEYIIPSNYAVDSLETETEFKISRKDAERQLLAGNSAGAFILRESQTR 156
QY 127 GSYLSVLRSPASMDRIHRYRHCLDNGWLISPRITFSPSLQALVDHYSELADICLL 186
DB 157 GSYLSVLRSPASMDRIHRYRHCLDNGWLISPRITFSPSLQALVDHYSELADICLL 186
QY 187 KEPV 191
DB 217 SVPCM 221

RESULT 8

US-09-977-269-17
Sequence 17, Application US/09977269
Patent No. US20020082037A1
GENERAL INFORMATION:
APPLICANT: ULBRICH, AXEL
APPLICANT: GISHIZKY, MIKHAIL
APPLICANT: SURES, IRMINGARD
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN TYROSINE KINASES
FILE REFERENCE: 038602/1260
CURRENT APPLICATION NUMBER: US/09/977,269
PRIORITY FILING DATE: 2001-10-16
PRIORITY FILING DATE: 1994-04-22
NUMBER OF SEQ ID NOS: 24
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
US-09-977-269-17

Query Match 27.1%; Score 364.5; DB 10; Length 505;
Best Local Similarity 42.2%; Pred. No. 1.5e-26;
Matches 78; Conservative 31; Mismatches 69; Indels 7; Gaps 2;

QY 11 PSPSSVGGQGVPMTEAERSKATVALGSPAGPAELSLRLGEPPLTVSDDGMWTV 70
DB 40 PGPNSHNS--NTPGIREAGSEDIIVALLDYEAHHEDELSPQGDQWVLEESGEWMA 96
QY 71 LSEVSGREYNIPSVHAKV---SHGWLVEGLSREKAEELLPGNPGAFILRESQTR 126
DB 97 RSLATREGEYIIPSNYAVDSLETETEFKISRKDAERQLLAGNSAGAFILRESQTR 156

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1

1

Query Match	25.6%;	Score 344;	DB 9;	Length 509;
Best Local Similarity	41.1%;	Pred. No. 1.3e-24;		
Matches 74;	Conservative 26;	Mismatches 70;	Indels 10;	Gaps 2

RESULT 13
US-09-977-269-18
Sequence 18. Application US/09077269

Query Match	25.6%	Score 344	DB 10	Length 509
Best Local Similarity	41.1%	Pred. No. 1.3e-24		
Matches 74	Conservative	26	Mismatches 70	Indels 10
				Gaps 2

RESULT 14
US-09-771-161A-95
: Sequence 95. Application US/09771161A

Query Match	24.3%	Score 326.5;	DB 10;	Length 454;
Best Local Similarity	44.6%;	Pred. No. 5.2e-23;		
Matches 70;	Conservative 22;	Mismatches 60;	Indels 5;	Gaps 2

RESULT 15
US-09-771-161A-212
Sequence 212, Application US/09771161A

Query Match	24.0%	Score 322.5;	DB 10;	Length 537;
Best Local Similarity	39.3%;	Pred. No. 1.6e-22;		
Matches	79;	Mismatches	80;	Gaps 3;

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QY 9 SLRPSLSSSSVOGQPFVMEHBSKTA-----VAGSPFAGGAEHLRL 54
Db 46 SIPYNNHFAAGQGLITFGGVNSSHITQLTRGGGVTLLPALYDYARTEDDLSFK 105
QY 55 GEPILTY-SEGDMMVTYLSEVGRVNIPIYHAKV---SHGWLVEGLSEKAEELLL 109
Db 106 GKKQLINSEBDMMEARSLTGTGETYIPSNVAPVYSIOAEEMVFGKIGKADEROLLS 165
QY 110 GPNQGAFLIREQSOTRQSGYSLVLRSLRPAWDRIHRYRIHCLDNGMWLYLPRILTFPSLD 169

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Db 166 FANPRGTFLIRESETTKGYSLSIRDWDMDKGDHVKHKIRKLDNGSYITTRAOPEITQ 225
Qy 170 ALVDHYSEIADDDICCLKEPC 190
Db 226 QLVQHYSERAAGLCRLVWPC 246

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